

# Eureka Math

## Kindergarten Module 5 Lesson 10

At the request of elementary teachers, a team of Bethel & Sumner educators met as a committee to create Eureka slideshow presentations. These presentations are not meant as a script, nor are they required to be used. Please customize as needed. Thank you to the many educators who contributed to this project!

Directions for customizing presentations are available on the next slide.



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# Customize this Slideshow

## Reflecting your Teaching Style and Learning Needs of Your Students

- When the Google Slides presentation is opened, it will look like Screen A.
- Click on the “pop-out” button in the upper right hand corner to change the view.
- The view now looks like Screen B.
- Within Google Slides (not Chrome), choose FILE.
- Choose MAKE A COPY and rename your presentation.
- Google Slides will open your renamed presentation.
- It is now editable & housed in MY DRIVE.



# Icons



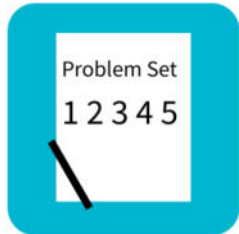
Read, Draw, Write



Learning Target



Personal White Board



Problem Set



Manipulatives Needed



Fluency



Think Pair Share



Whole Class



Individual



Partner



Small Group



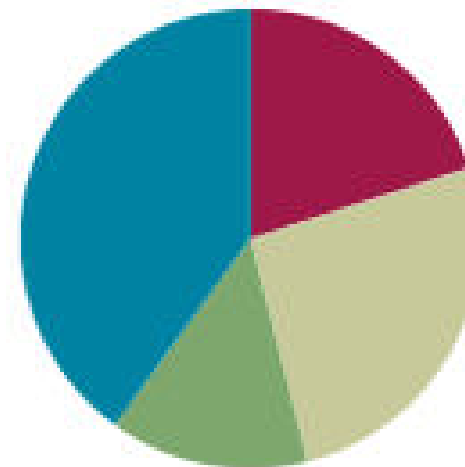
Small Group Time

## Lesson 10

Objective: Build a Rekenrek to 20.

### Suggested Lesson Structure

■ Fluency Practice	(10 minutes)
■ Application Problem	(7 minutes)
■ Concept Development	(13 minutes)
■ Student Debrief	(20 minutes)
<b>Total Time</b>	<b>(50 minutes)</b>





# Materials Needed

## Teacher

- Linking Cubes
- 20 Bead Rekenrek



# Materials Needed

## Student

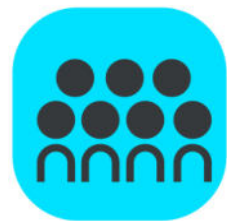
- 10 red beans
- 10 white beans
- 1 red crayon
- 1 black crayon



Build a Rekenrek to 20.



# Fluency Practice



(10 minutes)

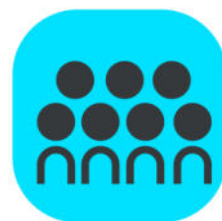
Writing Teen Numbers (4 minutes)

(Show 3 cubes.) Write the number.

(Show 10 cubes.) Write the number.

(Show 13 cubes.) Write the number.





# Fluency Practice

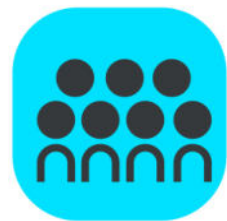
## (10 minutes)

Showing Numbers with My Hands (3 minutes)

(Show 12 on the Rekenrek.)

Show the two parts of the number on your fingers.

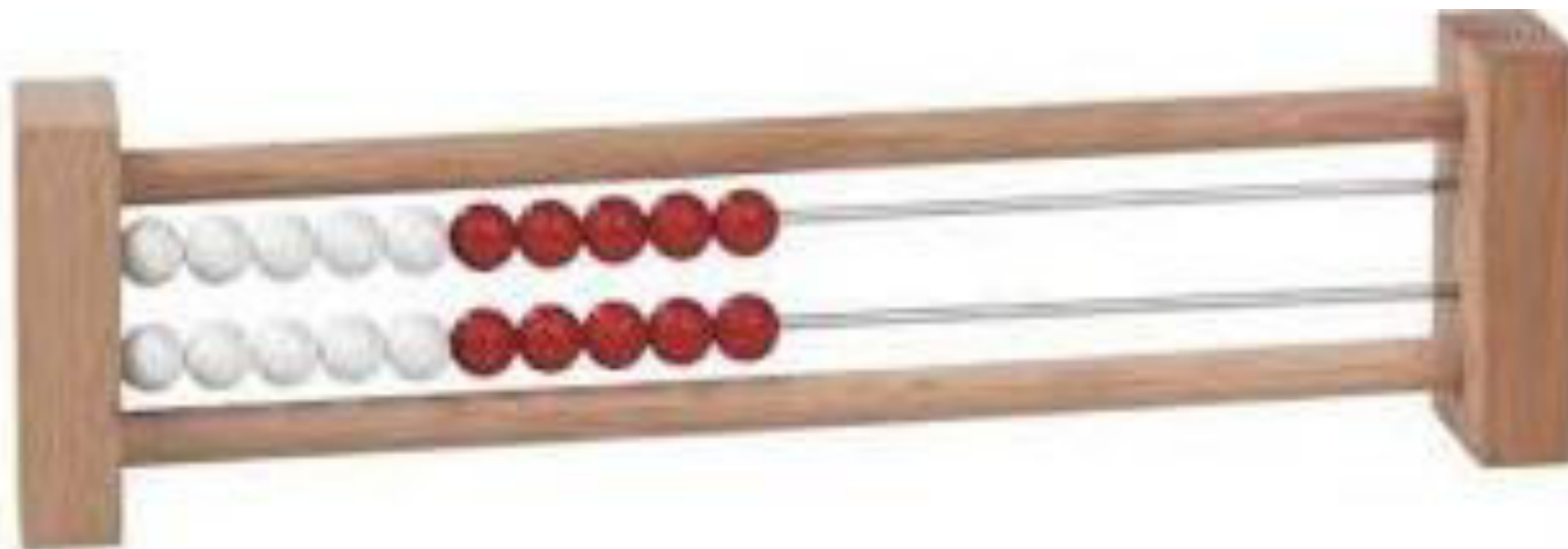
Say the parts at the same time.

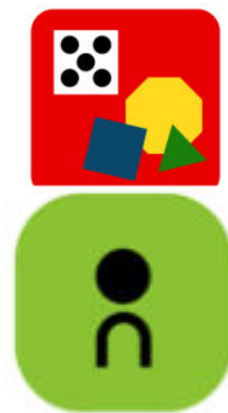


# Fluency Practice

## (10 minutes)

Counting (3 minutes)





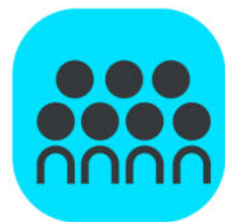
# Application Problem

(5 minutes)

Ms. Garcia is painting her fingernails. She has painted all the nails on her left hand except her thumb. How many more nails does she need to paint? How many does she have left to paint after she paints her left thumb? Draw a picture to help you.



# Concept Development



13 min

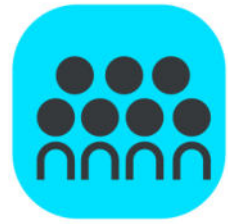
Imagine these red beads are Ms. Garcia's painted fingernails.

Show me how many she painted at first (in the Application Problem)

Put them on her fingernails.



# Concept Development



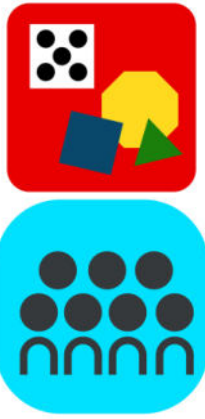
13 min

How many fingernails did she paint,  
and how many does she need to paint?  
Use these words to help.

“She painted \_\_\_\_\_ fingernails. She needs to  
paint \_\_\_\_\_ fingernails.”

Paint one more nail on her left hand.

(Pause.) Tell me what she’s painted and what  
she needs to paint.



# Problem Set

7 min

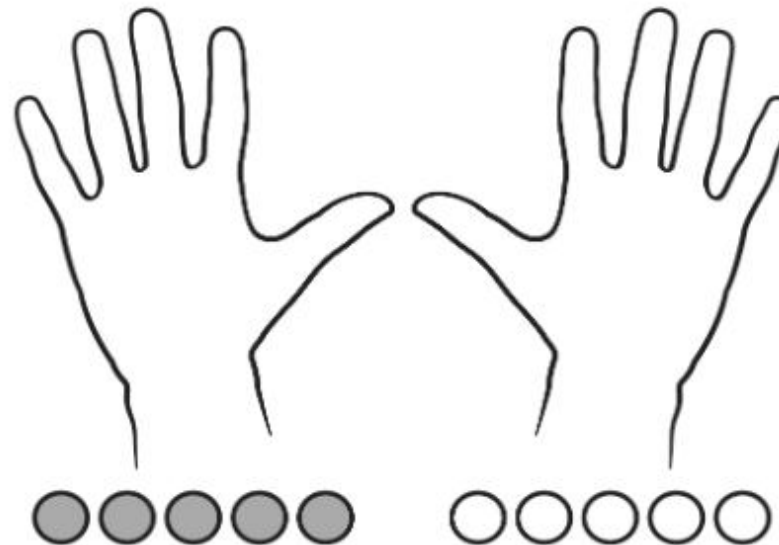
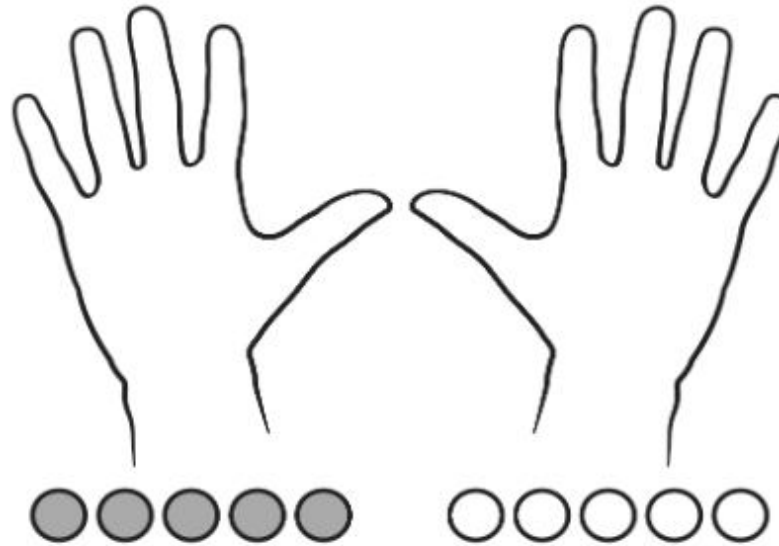
A STORY OF UNITS

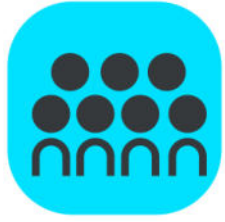
Lesson 10 Problem Set

K•5

Name \_\_\_\_\_

Date \_\_\_\_\_

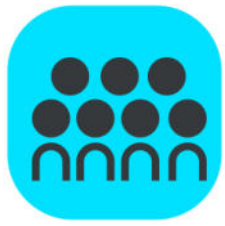




# Debrief

(8 minutes)

**Lesson Objective:** Build a rekenrek to 20.



# Debrief

(20 minutes)

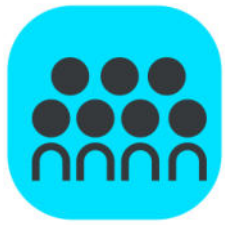
Let's make a Rekenrek. Put your red beads on top of your red dots and your white beads on top of your black dots, counting as you go.

What do you know about the number of your red and white beads?

How do you say the total number of beads the Say Ten Way?

How many beads is that the regular way?





# Debrief

(20 minutes)

Talk to your partner about what is the same and what is different about the number of your fingernails and the number of beads.

How many people do we need to have the same number of fingernails as on your Rekenrek?

If the beads were purple and green, how many nails and beads would be purple, and how many would be green?

What if you hide two hands? How many beads would you see?



# Exit Ticket

(3 minutes)

A STORY OF UNITS

Lesson 10 Problem Set

K•5

Name \_\_\_\_\_

Date \_\_\_\_\_

